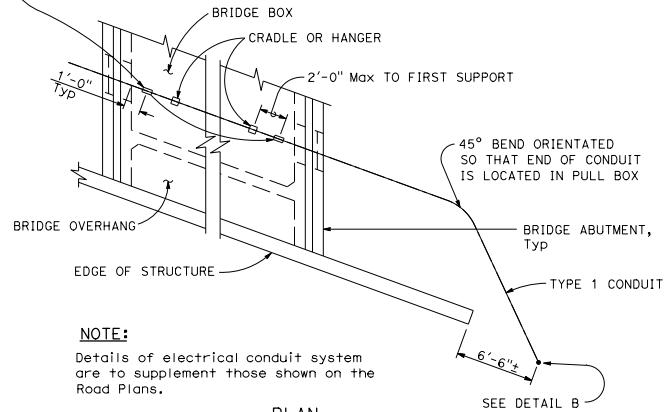
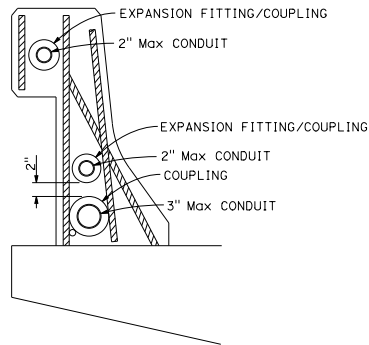


CONDUIT EXPANSION FITTING. SEE STANDARD PLAN ES-9B DETAIL X. PROVIDE FOR A MINIMUM MOVEMENT OR $1\frac{1}{2}$ " ($T + \frac{1}{2}$ "") AT EACH ABUTMENT WHERE NO EXPANSION JOINTS ARE LOCATED. OTHER EXPANSION ASSEMBLIES SHALL PROVIDE MOVEMENTS ACCORDING TO ADJACENT EXPANSION JOINT SIZE. SUPPORTS ARE TO BE LOCATED 2'-0" MAXIMUM EACH SIDE OF EXPANSION ASSEMBLIES.



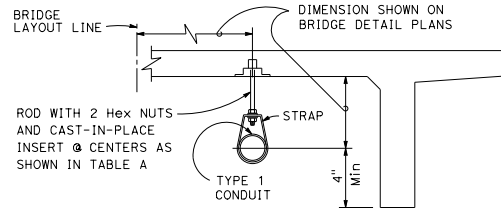
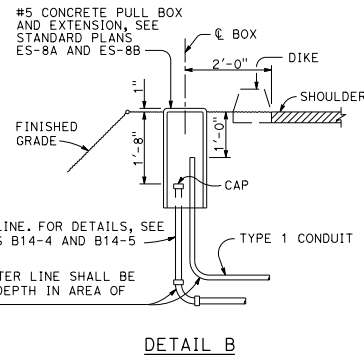
PLAN COMMUNICATION OR SPRINKLER CONTROL CONDUITS



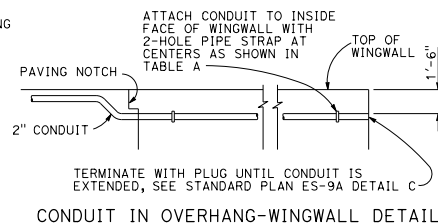
CONDUIT IN BRIDGE RAILING

NOTES:

1. The maximum conduit sizes shown are for a straight run across the bridge without pull boxes.
2. In a bridge railing with lighting standards or pull boxes, reduce size of affected conduits as needed.



OTHER THAN BOX GIRDER CONDUIT HANGER SUPPORT DETAILS

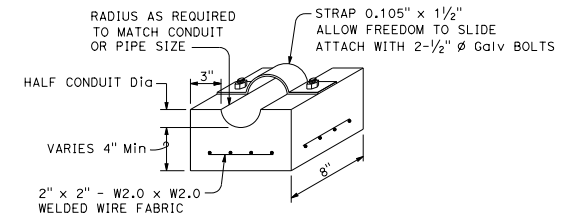


CONDUIT LOCATIONS

(For 2" conduit only except as noted)
For location see Bridge Detail plans.

TABLE A

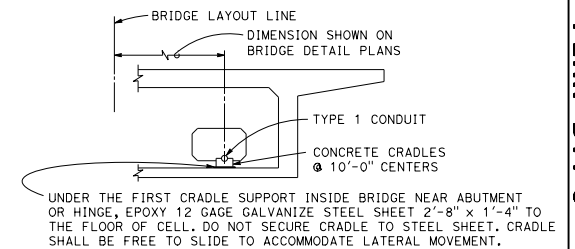
CONDUIT	2 1/2" OR LESS	3"	3 1/2"
ROD	3/8" ϕ	1/2" ϕ	5/8" ϕ
STRAP	0.090" x 1"	0.090" x 1"	0.105" x 1 1/2"
SUPPORT SPACING	10'-0"	10'-0"	10'-0"



NOTES:

1. Cradles to be precast concrete.
2. Secure all cradles to bottom slab of bridge with epoxy adhesive, except as provided below.

CONCRETE CRADLE



BOX GIRDER CONDUIT SUPPORT DETAILS

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION COMMUNICATION AND SPRINKLER CONTROL CONDUITS (CONDUIT LESS THAN 4")

NO SCALE

B14-3

DIS*	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS

Seamundo & Co.
REGISTERED ELECTRICAL ENGINEER

May 31, 2018
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PROFESSIONAL ENGINEER
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STATE OF CALIFORNIA